



---

# Contents

## **Section I: Dental material science Section**

**1. Effect of dentin moisture and bonding strategies on micro-tensile bond strength using two chemically different universal adhesives.....1-12**

*Mohamed Abdel-Halim Hamouda, Mohamed Mahmoud Kandil, Mohamed Salah Nassif*

## **Section II: Prosthodontics Section**

**1.Evaluation of Stress Distribution of Zirconium Versus PEEK Extra Coronal Attachment on Supporting Structures of Lower Kennedy Class II Partial Denture....13-19**

*Dina Abd Elmoez Abd Allah, Noha Helmy Nawar, Ahmed Mostafa Abdelfattah*

## **Section III: Fixed Prosthodontics, Endodontics, Conservative Section**

**1.Shear Bond Strength of Different Zirconia Generations Bonded with Self Adhesive Resin Containing MDP....20-27**

*Maha Fouad, Nasser Hussein, Sahar Mokhtar, Lina Saade*

**2.Cyclic loading of Veneer-Supported Fixed Dental prosthesis versus Conventional Resin bonded Prosthesis for Replacing missing central incisor: An invitro study....28-35**

*Maha Fouad, Sahar Mokhtar, Aly Osman, Nasser Hussein*

**3.The Seal Quality of Two Bioceramic Materials Used as Retro-grade Filling Utilizing Different Compaction Techniques (An In-vitro Study)....36-43**

*Rasha Sameh, Mohamed M.N El-Tayeb, Mohamed Nabeel*

**4.Smear Layer Removal Using Different Nickel-Titanium Rotary Systems: (An in vitro study)....44-50**

*Mohamed M.N El-Tayeb, Rasha Sameh, Mohamed Nabeel*